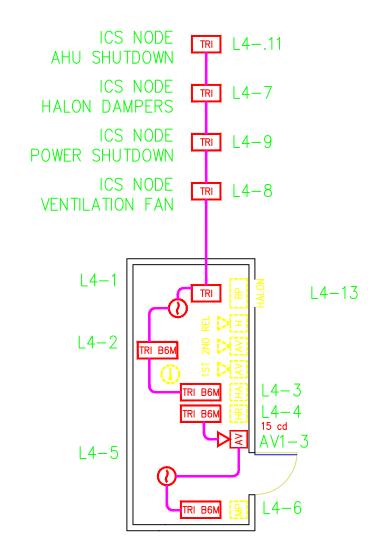
ICS NODE LEGEND

- FIRE CALL BOX (E)
- 🖪 HALON MANUAL RELEASE (E)
- HALON ABORT (E)
- ① HEAT DETECTOR (E)
- SMOKE DETECTOR (E) TO BE REPLACED WITH NEW DETECTOR
- PREACTION FIRE SPRINKLER WATERFLOW (E)
- PREACTION FIRE SPRINKLER VALVE SUPERVISION (E)
- HALON 1ST ALARM NOTIFICATION APPLIANCE (E)
- HALON 2ND ALARM NOTIFICATION APPLIANCE (E)
- HALON RELEASE NOTIFICATION (E)
- SOLENOID PREACTION SPRINKLERS (E)
- FENWAL 2210 HALON RELEASING PANEL (E)

SPECIAL NOTE REGARDING ICS HALON SYSTEM:

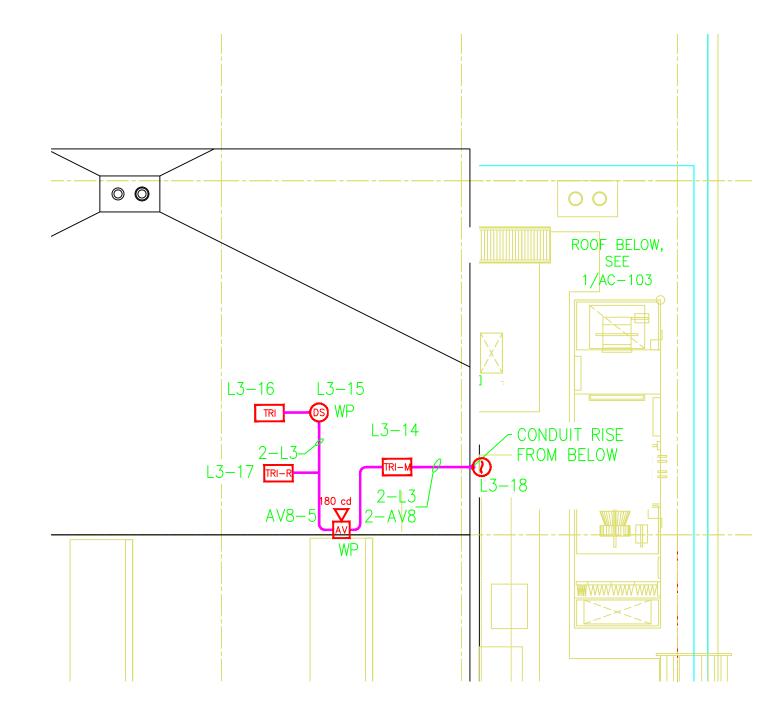
1. THE EXISTING FENWAL 2210 HALON RELEASING PANEL WILL REMAIN IN SERVICE. A TRI-R MODULE (ADDRESS L4-13) SHALL BE CONNECTED TO TERMINALS 26 AND 29 TO CAUSE FOR OPERATION OF THE HALON SYSTEM.

2. THE EXISTING SMOKE DETECTORS SHALL BE REPLACED WITH NEW SMOKE DETECTORS COMPATIBLE WITH THE NEW MXL CONTROL UNIT.



2 ICS NODE— RM162 PLAN SCALE: 1/8'=1'-0"

ICS NODE FIRE ALARM SYSTEM FUNCTION CHART SNOV	ANNUNCIATE EVENT AT FACU	E SIGNAL TO LBNL RECEIVER	SUPERVISORY SIGNAL TO LBNL	ERATE NOTIFICATION APPLIANCE	T SIGN LIGHT	ERATE PRE ACTION SYSTEM VALVE	OPERATE HALON HORN	ERATE STROBE	r alarm appliance	D ALARM APPLIANCE	HALON LIGHT	U SHUT DOWN	OSE HALON DAMPERS	DISCHARGE HALON (20 SEC DELAY)	UT DOWN POWER	VENTILATION FAN	DISCHARGE HALON (NO DELAY)	ORT HALON DISCHARGE
SYSTEM EVENT	ANI	FIRE	SUF	OPF	EXIT	OPF	OPF	OPF	1ST	2ND	HAI	AHU	OTO	DIS	.NHS	VEI VEI	DIS	ABOR
FIRE CALL BOX	•	•		•	•													
HEAT DETECTOR	•	•		•	•	•												
WATERFLOW SWITCH	•	•		•	•													
1ST SMOKE DETECTOR	•	•		•	•		•		•									
2ND SMOKE DETECTOR	•	•		•	•		•	•	•	•		•	•	•	•	•		
HALON MANUAL RELEASE	•	•		•	•	•	•	•			•	•	•		•	•	•	
HALON ABORT	•		•															•
VALVE SUPERVISORY	•		•															



1 ROOF FIRE ALARM — PARTIAL PLAN scale: 1/8'=1'-0"

•	A C D I I II T							BLDG-15 FIRE ALARM ROOM 162	DRAWN BY	DATE 05/20/2013
	ASBUILT							BLDG-13 FIRE ALARM ROOM 102	CHECKED BY LDD	05/20/2013
	R							ROOF PLAN AND ROOM 162-ICS NODE	APPROVED BY MCD	05/20/2013
								PLAN, LEGEND & FUNCTION CHART		
	07/29/2013							FLAN, LEGEND & FUNCTION CHART	SCALE 1/8'=1'-0"	
		В	DSV	LDD	MCD	07/29/13/AS BUILT PER	R FIELD VERIFICATIONS		DRAWING NO.	SHEET
	/ /	A	DSV	LDD	MCD	05-13 ASBUILT		LAWRENCE BERKELEY NATIONAL LABORATORY	4B15E065B	09
PROFESSIONAL SEAL (IF REVISION, APPLIES ONLY TO REVISED WORK)	ISSUE (PROGRESS, ESTIMATE, BID, CONSTRUCTION, CONFORMED, REVISION, RECORD)	REVISION NUMBER	DRAWN BY	CHECKED BY	APPR'D BY	DATE REMARKS		FACILITIES DIVISION	PROJECT NO. FN1438	9 OF 9